

1703081-1 ✓ ACTIVE

RAST | RAST 5 IDC Connectors, RAST 5D

TE Internal #: 1703081-1

Housing, Receptacle, Wire-to-Board, 3 Position, .197 in [5 mm]

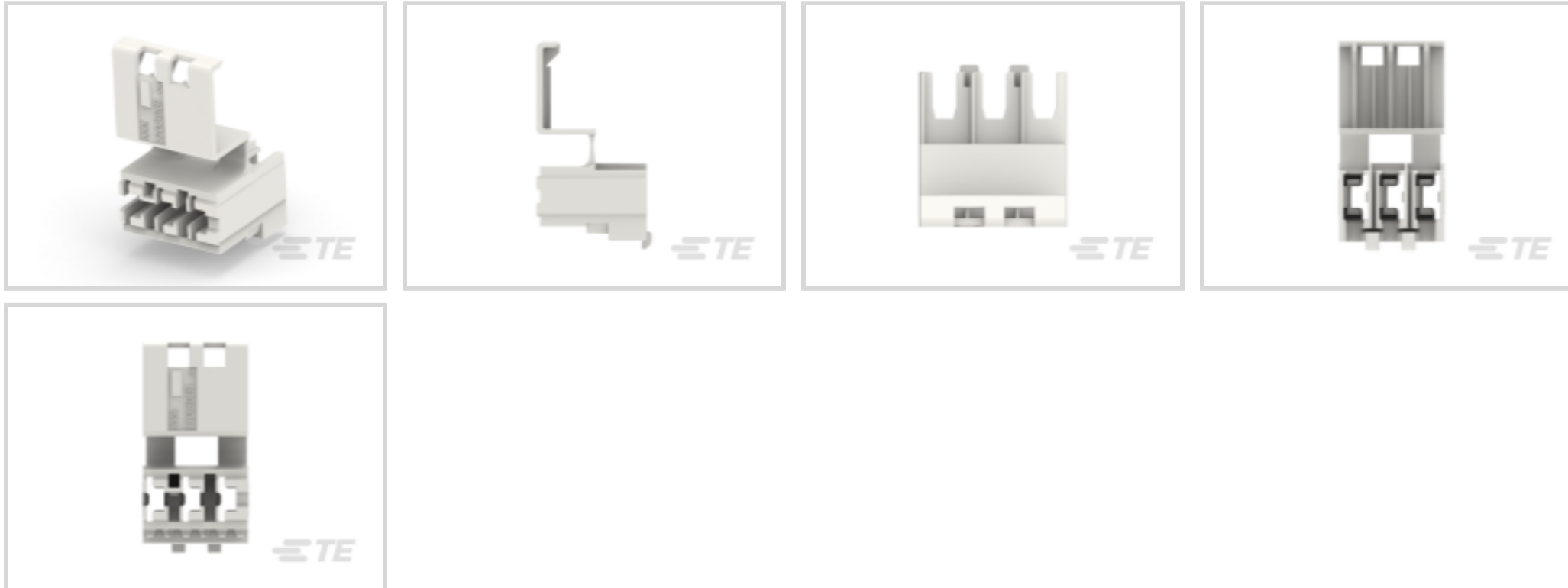
Centerline, Insulation Displacement (IDC), 1 Row, Natural, RAST 5

IDC Connectors

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **3**

Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Body Features

Primary Product Color	Natural
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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Locking Latch Between Cavity Number	1 + 2
Mating Retention Type	Lock
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 6.6
Centerline (Pitch)	5 mm [.197 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	2000
Packaging Method	Bag & Box

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these

limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 1703104-1
5 POS MT - EDGE HOUSING



TE Part # 1703129-1
8POS MT - EDGE HOUSING



TE Part # 1703119-1
7POS MT - EDGE HOUSING



TE Part # 927157-1
4P MT-EDGE GEH



TE Part # 928017-1
6P MT-EDGE GEH



TE Part # 927155-1
2P MT-EDGE GEH



TE Part # 927156-1
3P MT-EDGE GEH



TE Part # 1703128-1
8POS MT - EDGE HOUSING



TE Part # 1-1703080-1
3POS MT - EDGE HOUSING



TE Part # 1-1703081-1
3POS MT-EDGE HOUSING



TE Part # 1-1703082-1
3POS MT - EDGE HOUSING



TE Part # 1-1703083-1
3POS MT - EDGE HOUSING



TE Part # 1-1703095-1
4POS MT - EDGE HOUSING



TE Part # 1-1703097-1
4POS MT - EDGE HOUSING



TE Part # 1703071-1
2POS MT-EDGE HOUSING



TE Part # 1703079-1
3POS MT - EDGE HOUSING



TE Part # 1703098-1
4POS MT - EDGE HOUSING



TE Part # 1703111-1
6POS MT - EDGE HOUSING



TE Part # 1703114-1
6POS MT - EDGE HOUSING

Also in the Series | RAST 5 IDC Connectors



Automotive Terminals(8)



Connector Contacts(12)



Crimp Terminal Housings(41)



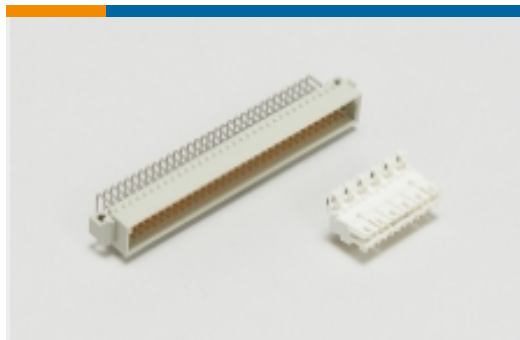
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(417)



Rectangular Connector Housings(1)



Standard Edge Connectors(34)



Standard Rectangular Connectors(68)



Wire-to-Board Connector Assemblies & Housings(214)

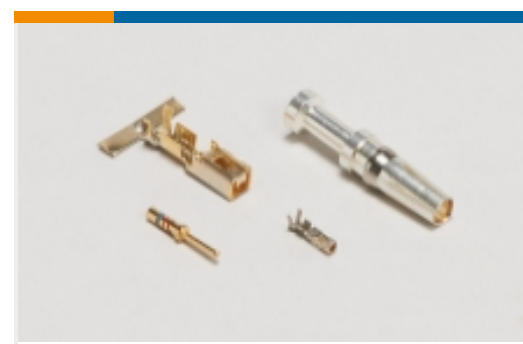


Wire-to-Board Connector Contacts(2)

Also in the Series | RAST 5D



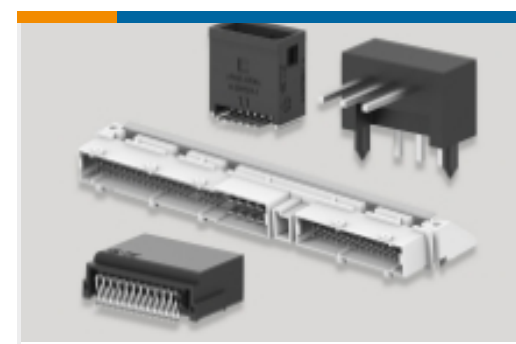
Automotive Terminals(5)



Connector Contacts(10)



Insertion & Extraction Tools(1)

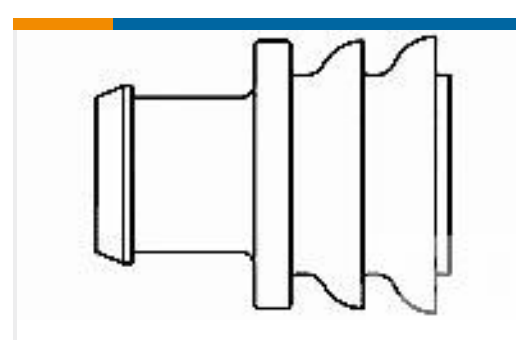


PCB Headers & Receptacles(69)



Wire-to-Board Connector Assemblies & Housings(88)

Customers Also Bought

TE Part #206070-8
CABLE CLAMP KIT #17TE Part #DT04-2P
REC, 2P, GRY, NTE Part #DT06-2S
PLG, 2P, GRY, NTE Part #W2S
Wedgelocks: DEUTSCH DTTE Part #0462-201-16141
DEUTSCH Solid ContactsTE Part #282080-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSINGTE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

3POS MT - EDGE HOUSING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1703081-1_B.2d_dxf.zip

1703081-1

Housing, Receptacle, Wire-to-Board, 3 Position, .197 in [5 mm] Centerline, Insulation Displacement (IDC), 1 Row, Natural, RAST 5 IDC Connectors



English

Customer View Model

[ENG_CVM_CVM_1703081-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1703081-1_B.3d_stp.zip](#)

English

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